

#1 5 properties of:

- a) water - wet, pours, clear, freezes @  $0^{\circ}\text{C}$ , boils @  $100^{\circ}\text{C}$
- b) glass - smooth, solid, clear, fragile, can melt
- c) steel - smooth, solid, shiny, hard, conducts electricity

#2 Homogeneous materials have

"1" set of properties. Heterogeneous

materials have "2" or more sets of properties.

#3a) heterogeneous

- 1) chair
- 2) desk
- 3) locker
- 4) marker
- 5) pencil

note: harder to find.

homogeneous

- 1) pure  $\text{H}_2\text{O}$
- 2) pure steel
- 3) plastic container
- 4)
- 5)

#3b)

unsure  
KoolAid - milk

#5 Most materials exist as heterogeneous mixtures. Some can easily be separated.